higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

TRANSPORT ECONOMICS
NQF LEVEL 3

(11020293)

10 December 2020 (Y-paper)
13:00–16:00

This question paper consists of 6 pages.

533Q1N2010

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TIME: 3 HOURS
MARKS: 100

INSTRUCTIONS AND INFORMATION

1. Answer all the questions.
2. Read all the questions carefully.
3. Number the answers according to the numbering system used in this question paper.
4. Start each section on a new page.
5. Use only a black or blue pen.
6. Write neatly and legibly.

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SECTION A

QUESTION 1

1.1 Choose the correct term from those in brackets. Write only the answer next to the question number (1.1.1–1.1.5) in the ANSWER BOOK.

1.1.1 One of the most common reasons for government intervention and regulation in the transport sector is probably the (maximisation/ minimisation) of social welfare.

1.1.2 National public entities may include any (agency/cabinet).

1.1.3 It is clear that different kinds of (system abuse/transport abuse) may lead to and facilitate transport-related transgressions and serious crimes.

1.1.4 One of the objectives of AARTO is to establish a (law/procedure) for the effective and expeditious adjudication of infringements.

1.1.5 Minibus taxis frequently operate at speeds (lower/higher) than the regulated limit to cut travel time in order to secure more loads.

(5 × 1) (5)

1.2 Choose a word from COLUMN B that matches a description in COLUMN A. Write only the letter (A–F) next to the question number (1.2.1–1.2.5) in the ANSWER BOOK.

	COLUMN A		COLUMN B
1.2.1	… transport is a transportation service that is not available for use by the general public.	A	national
1.2.2	The overall role of the SACAA is to promote, regulate and support high levels of safety throughout the … aviation industry.	B	information
1.2.3	One of the responsibilities of RSR is collecting and disseminating … relating to safe railway operations.	C	private
1.2.4	… is also responsible for the management of the centre for ships and boating.	D	SAMSA
1.2.5	SANRAL's overall role is to design, construct, manage and maintain SA's … road network, including toll and non-toll roads.	E	civil
		F	agency

(5 × 1) (5)

1.3 Indicate whether the following statements are TRUE or FALSE by writing only 'True' or 'False' next to the question number (1.3.1–1.3.10) in the ANSWER BOOK.

1.3.1 The purpose of integrated transport planning is to identify current and future access needs of transport users.

1.3.2 The main function of DoT is providing safe, effective, efficient and fully integrated transport operations.

1.3.3 Piracy is a specific crime under customary national law.

1.3.4 Terrorists often commit acts of violence to focus the attention of the public, the government and the world on their cause.

1.3.5 The full meaning to RAF is Road Accident Foundation.

1.3.6 Air travel is the cheapest form of passenger transport.

1.3.7 Airport Company of South Africa (ACSA) handles about 98% of the country's commercial air traffic.

1.3.8 Gautrain, Africa's only high-speed train, is also operated by the Airport Company of South Africa (ACSA).

1.3.9 SAMSA also contributes towards skills development, job creation and public awareness.

1.3.10 The CBRTA plays an important role in promoting economic development within the SADC region.

(10 × 1) (10)

1.4 Explain the following terms:

1.4.1 Transport-related transgression

1.4.2 Smuggling of goods

1.4.3 Public transport

1.4.4 Dispute

1.4.5 Appeal

(5 × 2) (10)
[30]

TOTAL SECTION A: 30

SECTION B

QUESTION 2

2.1 Read the following extract and answer the questions.

> In South Africa, we have seen how the provision of transport infrastructure and services has opened development opportunities in communities. However, there is no linear relationship between transportation provision and development. The extent and type of development is largely dependent on the quality of transport planning that took place before implementation and the efficient execution of the guidelines and principles of integrated transport plans.

Identify FIVE aspects of transport planning and policy development within transport industry. (5 × 2) (10)

2.2 Describe FOUR stages used in developing transport legislation. (4 × 2) (8)

2.3

SOMALI PIRATES 'DEMAND RANSOM' FOR HIJACKED OIL TANKER



Armed Somali pirates are demanding an unspecified ransom for the release of an oil tanker seized off the coast of the Horn of Africa on Monday, according to the European Union Naval Force (EU NAVFOR).
Suspected pirates hijacked the Aris 13 ship, a Comoros-flagged tanker on Monday.
The ship's master issued a Mayday alert, saying that the vessel was being followed by two skiffs, before the ship's communication was cut. After that, the ship was rerouted to Somalia's northern coast, off the semi-autonomous state of Puntland.

[Source: *www.pinterest.com.*]

2.3.1 Identify FIVE types of hijacking. (5 × 1) (5)

2.3.2 Describe THREE types of hijacking mentioned in QUESTION 2.3.1. (3 × 2) (6)

[29]

QUESTION 3

3.1 3.1.1 List THREE critical policies of the Department of Transport. (3 × 1) (3)

3.1.2 Describe THREE challenges and threats to road safety that the Government had to attend to when they started with the Taxi Recapitalisation Programme (TRP) (Arrive Alive). (3 × 2) (6)

3.1.3 Explain THREE strategic objectives of RABS according to the policy document. (3 × 2) (6)

3.2 3.2.1 Describe the difference between freight and passenger transport markets. (2 × 2) (4)

3.2.2 Name ONE mode/means used in QUESTION 3.2.1 for each market. (2 × 1) (2)
[21]

QUESTION 4

4.1 4.1.1 Explain the term *government agency*. (2)

4.1.2 Describe FOUR models the Department of Transport could explore to secure funding from agencies to fulfil their responsibilities. (4 × 2) (8)

4.2 Explain FIVE broad goals of the White Paper on National Transport Policy. (5 × 2) (10)
[20]

TOTAL SECTION B: 70
GRAND TOTAL: 100

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